

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

MICHAEL SEED STORE

1939



The HOME of GOOD SEEDS Bulbs, Plants and Nursery Stock

Farmer's Home And Rest — Warm Stove — Easy Chair
Established Forty Years Ago

A FRIENDLY TIP: Plant a home garden this spring. A healthful exercise and a swat at the High Cost of Living. The city man, the suburbanite and the farmer, too. Any farmer can save \$500.00 a year with a good home garden.

CATALOG: In handing you our new Economy edition semi-descriptive catalog we wish to express our thanks and appreciation and good will in days gone by.

Quickest seed catalog ever printed.

Disclaimer: While we exercise the greatest care to have all seeds pure and reliable, it is positively understood we sell no seeds, plants, bulbs or nursery stocks with any warranty expressed or implied in any respect and will not be in any way responsible for the crop.

316 Pearl Street -:- Phone 8-8666
SIOUX CITY - - - - - IOWA



HOW to make a lawn

In preparing a seed bed so as to insure an everlasting lawn, it is well that the earth be stirred deeper than merely scratching the surface, either with a good stirring plow or spade to the depth of a foot or 15 inches, or even more. This is the first step to be taken, and the next consideration is the fertility of the soil where you are making the lawn. Among the various methods which increase the fertility of the soil we find that **Humus** plays a most important part. The very best time to do the work of preparing the soil for a lawn is in the autumn season and then left for the winter. The soil is solidified by the winter condition. Then in the spring the surface should be slightly stirred and the seed sown, well raked and rolled. When the summer is over and the winter comes on again, the lawn needs attention, and it is a wise plan after the ground is slightly frozen to cover it with a moderate coat of well rotted manure. In the springtime before the growth of grass has started, this coat of manure should be well raked in the soil, and the roughage raked off, giving the grass a chance to get plenty of sunlight. Should, however, this be overlooked in the autumn, then in the springtime again it is well to apply a moderate amount of sheep manure, phosphate or ground bone fertilizer, well raked into the soil just as soon as is possible and at such time it is well to apply a sprinkle of our blend of **Reseeding Lawn grass seed**.

These suggestions in regard to the making of a lawn will well repay the time and expense by the increased growth of grass.

POSTAGE—PARCEL POST RATES

Weights	Zones				
	Local	1st 50 Miles	2nd 150 Miles	3rd 300 Miles	4th 600 Miles
1 lb.	.07	.08	.08	.09	.10
2 "	.08	.10	.10	.11	.14
3 "	.08	.11	.11	.13	.17
4 "	.09	.12	.12	.15	.21
5 "	.09	.13	.13	.17	.24
6 "	.10	.14	.14	.19	.28
7 "	.10	.15	.15	.21	.31
8 "	.11	.16	.16	.23	.35
9 "	.11	.17	.17	.25	.38
10 "	.12	.18	.18	.27	.42
15 "	.14	.24	.24	.37	.59

LAWN GRASS SEED

One pound **Superfine** Blue Grass will seed 300 square feet.

Blue Grass Seed, Michael's 30 lb. **Superfine**, Lawn Culture...30c per lb.
Blue Grass Seed, 25 lbs. **Fancy Fine**, Lawn Culture.....25c per lb.
Blue Grass Seed, **Trivialis** Shady Nook places.....40c per lb.
White Clover, Lawn use50c per lb.
Magic Lawn Grass Seed, Superfine Blend **Grass Seeds**.....30c per lb.
Reseeding Lawn Grass Seed, Superfine Blend **Grass Seeds**....30c per lb.
Creeping Bent Lawn Grass Seed for **Terraces**.....30c per lb.
Creeping Bent Grass Seed, Oregon Grown Astoria.....\$1.00 per lb.
Rye Grass Seed, Michael's **Short Seeded**, Lawn Culture.....20c per lb.

Stimulant as well as humus fertilizer

Sheepo humus fertilizer — 5c per lb., 6 lbs., 25c; \$2.00 per 100 lbs.
Peat Moss (Pulverized), 50 lb. bale \$1.50; 100 lbs. \$2.75.

THE MICHAEL SEED STORE

316 Pearl St., Sioux City, Ia.

Phone 8-8666



Former Century

1896

Piccadilly Period

Born in Virginia. As a young man, took Horace Greeley's advice to heart, and migrated West in 1880. Came to Sioux City in 1884. With others here he helped to found and establish a seed business at Sioux City. Now last of the four that were then. That business today still a flourishing institution with ideals based on **purity, vitality** and **perfection**; promises to grow greater in the years to come.



AS IS TODAY

Well known seedsman, still doing business at the old stand founded forty years ago. Selling today the grandchildren of those who bought seed from him forty years ago.

J. B. Michael

Michael Seed Store

316 Pearl Street SIOUX CITY, IOWA Phone 8-8666

The Michael Seed Store

Phone 8-8666

J. S. MICHAEL, Prop.

316 Pearl St., SIOUX CITY, IOWA

INDEX

VEGETABLE SEEDS

	Page
Beans	5
Beets, Table	5
Cabbage	5
Carrots	6
Cauliflower	6
Celery	6
Cucumbers	6
Egg Plant	6
Lettuce	6
Mangel Wurzel	5
Muskmelon Seed	6
Onion Plants	14
Onion Seeds	7
Onion Sets	7
Parsley	8
Parsnip	8
Peas	5
Pepper	7
Pumpkin	8
Radish Seed	7
Rutabaga	8
Salsify	8
Spinach	8
Squash	8
Sweet Corn (Hybrid)	5
Tomato Seed	8
Turnips	8
Watermelon Seed	7

MISCELLANEOUS VEGETABLES

Asparagus	8
Broccoli	8
Brussels Sprouts	8
Endive	8
Kale	9
Kohl Rabi	9
Leek	9
Okra or Gumbo	9
Rhubarb Seed	9
Sweet Herbs	9

FLOWER SEEDS

Asters (Giant Branching)	9
Marigold	10
Nasturtiums	9
Pansies	9
Petunias Hybrid	9
Petunias Double	9
Petunias Balcony	9
Petunias Grandiflora	9
Petunias Nana Erecta (Dwarf) ..	9
Sweet Peas	10
Zinnia	10
FLOWER SEED Alphabetical order	11

EVERGREENS

Black Hill Spruce B&B	20
Dwarf Evergreen B&B	20
Evergreen Seedlings	20
Hardy Evergreens B&B	20

LAWN GRASS SEEDS

Inside front cover

FLOWER SEED

Alphabetical Order	10-11
PERENNIAL FLOWER SEEDS	11

MUSHROOM SPAWN

Bricks and Moulds	7
-------------------------	---

BULBS, ROOTS AND FLOWERING PLANTS

	Page
Potted Plants	14
Onion Plants	14
Canna Roots and Plants	12
Chrysanthemums	13
Dahlias	12
Flowering Plants	14
Gladiolus Bulbs	12
Hardy Iris	13
Hardy Lily Bulbs	13
Misc. Perennial Plants	14
Not Hardy Lilies	13
Peonies	12
Vegetable Plants	14
Water Lilies	14

AGRICULTURAL SEED

Alfalfa Seed	15
Field Seeds	15
Clover and Grass Seeds	15
Seed Corn Hybrid Iowa	16
Seed Corn Open Pollinated	16
Seed Potatoes	16
Sweet Clover Seed	15

NURSERY DEPARTMENT

Apples	17
Apricots	17
Blackberries	17
Cherries	17
Crab Apples	17
Currants	17
Fall and Winter Apples	17
Gooseberries	17
Grape Vines	17
Peaches	17
Pears	17
Plums	17
Raspberries	17
Strawberry Plants—Outside back cover.	

ORNAMENTAL FLOWERING SHRUBS

Climbing Vines	18
Hedge Shrubs	18
Lilacs	18
Native Shade Trees	20
Spirea, Bridal Wreath	18
Weeping Ornamental Trees	20

EVERGREENS

Dwarf Evergreens	21
Tall Evergreens	21
Black Hills Evergreens	21
Evergreen Seedlings	21

ROSES

Climbers	19
Hardy Perpetual	19

SUNDRIES

Animal, Poultry Foods	22
Bird Seed	22
Disinfectants	22
Dogzoff	22
Fertilizers	22
Insecticides	22
Poultry Supplies	22
Berry Boxes	10
Commercial Baskets	10
Plant Markers	10

LAWN FERTILIZERS

Inside front cover	
Garden Books—outside back cover	

Implements and Planters, inside back cover.....23
Parcel Post rate inside front cover page. Parcel Post extra.

VEGETABLE SEEDS

for the Home Garden

BEANS, PEAS and SWEET CORN our own crop.
Our special strains. First and Best Seed.

Special Prices in Quantity

BEANS

PRICES—Bulk Seed

½ lb. 1 lb. 25 lb.

Golden Wax	\$0.10	\$0.20	\$3.75
Black Wax .....	.10	.20	3.75
Sioux Wax, Ace O'Beans .....	.10	.25	4.00
Kidney Wax .....	.10	.20	3.75
Davis Wax .....	.10	.20	3.75
Purple Wax .....	.10	.20	3.75
Green Pod, Burpee .....	.10	.20	3.25
Red Valentine .....	.10	.20	3.25
Dwarf Lima, Burpee .....	.15	.25	
Henderson Lima .....	.10	.20	
Ky. Wonder .....	.10	.20	

PEAS

PRICES—Bulk Seed

½ lb. 1 lb. 25 lb.

Alaska, Earliest	\$0.10	\$0.20	\$3.25
Michael's Early June .....	.10	.20	3.50
Little Gem, Early Wrinkled ....	.10	.20	3.75
Little Marvel, Ey. Wrinkled .....	.10	.20	5.00
American Wonder, Wrinkled ..	.10	.20	4.00
Potlatch, Large Pod, 2nd Ey....	.10	.20	3.75
Telephone, Large Pod .....	.10	.20	3.75
Bliss Everbearing .....	.10	.20	3.50
Fill a Basket .....	.10	.20	3.50

TABLE BEETS

PRICES—Bulk Seed

1 Oz. ¼ lb. 1 lb.

Early Wonder, Best Early.....	\$0.10	\$0.20	\$0.50
Crosby's Improved Egyptain....	.10	.20	.50
Detroit Dark Red, Early.....	.10	.20	.50
Half Long, Blood Red .....	.10	.20	.50
Swiss Chard, for Greens .....	.10	.20	.60

MANGEL WURZEL

PRICES—Bulk Seed

1 lb. 10 lb.

Half Sugar Mangel	\$0.35	\$3.00
Long Red Mammoth Mangel .....	.35	3.00
Golden Tankard, Yellow Mangel .....	.35	3.00
White French, Sugar Sweet Cattle Beet	.35	3.00

CABBAGE

PRICES—Bulk Seed

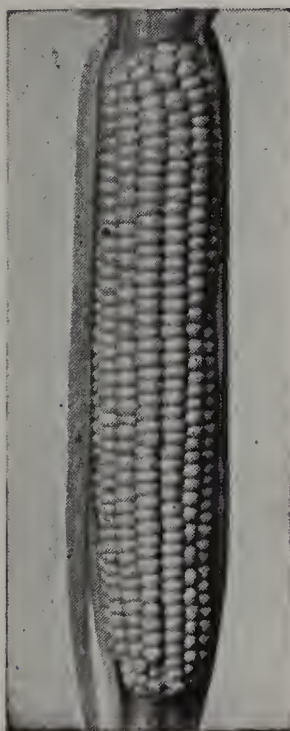
½ Oz. Oz. 1 lb.

COPPENHAGEN, Wilt Resistant Strain	\$0.10	\$0.15	\$1.25
Golden Acre .....	.10	.15	1.50
Early Wakefield .....	.10	.15	1.50
Early Flat Dutch .....	.10	.15	1.25
Danish Balhead .....	.10	.15	1.50
Late Flat Dutch .....	.10	.15	1.25
Red Dutch .....	.10	.15	

Tender Gold

HYBRID SWEET CORN

Golden Cross



Hybrid sweet corn, like hybrid field corn, has wrought a revolution in the raising of sweet corn.

PRICES—Bulk Seed

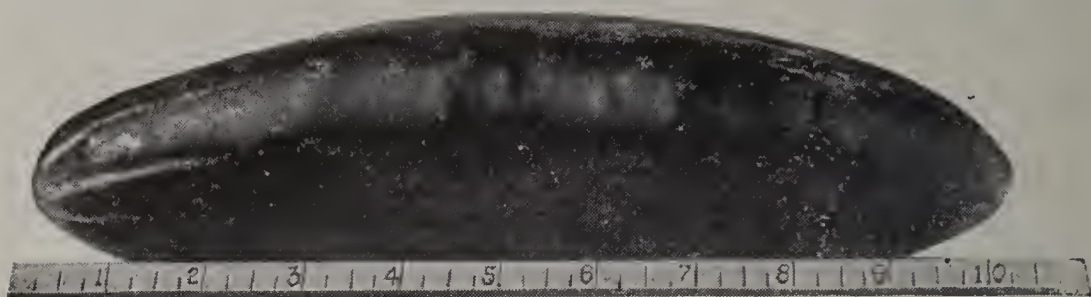
½ lb 1 lb.

Tender Gold	\$0.15	\$0.25
Golden Cross .....	.15	.25
Golden Hummer ..	.15	.25
Sioux Bred Gold ..	.25	.40
Aristogold .....	.25	.40

Open Pollinated

Country Gentleman .....	.10	.15
Stowell's Evergreen .....	.10	.15
Golden Bantam ..	.10	.15
Sunshine .....	.10	.15

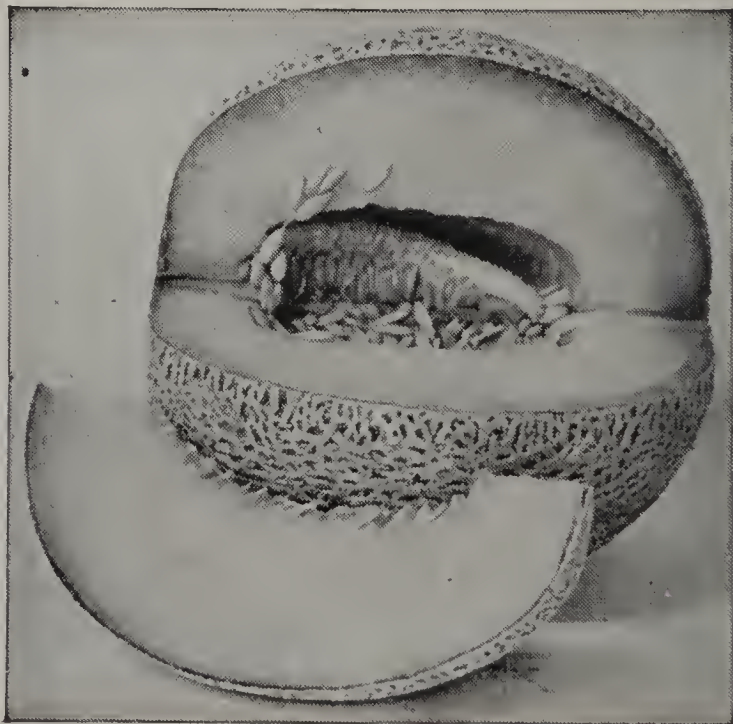




Cucumber, Long Green

CUCUMBERS		PRICES—Bulk Seed		
		Oz.	½ lb.	1 lb.
White Spine, for home garden		\$0.10	\$0.50	\$0.75
Davis Perfect, green slicing .....		.10	.50	.75
Longfellow, the longest .....		.10	.50	.75
Early Fortune, very early .....		.10	.50	.75
Boston Pickling .....		.10	.50	.75
Long Green, home garden variety .....		.10	.50	.75
CARROTS		Oz.	½ lb.	1 lb.
Early Horn, Extra Early		\$0.10	\$0.40	\$0.75
Oxheart, Early Short .....		.10	.40	.75
Danvers, Half Long .....		.10	.40	.75
Chantenay, Half Long .....		.10	.40	.75
Yellow Belgian Stock Carrot		1 lb. 60c; 5lbs.		\$2.50
CAULIFLOWER		Pkt.	¼ oz.	1 oz.
Early Snowball		\$0.10	\$0.35	\$1.00
Danish Giant .....		.10	.40	1.50
CELERY		½ oz.	Oz.	1 lb.
White Plume, Early		\$0.10	\$0.20	\$2.00
Golden Self Blanching .....		.15	.25	3.00
Celeriac, Root Crop Only .....		.10	.20	
EGG PLANT		½ oz.		1 oz.
New York Purple		\$0.20		\$0.35
Black Beauty .....		.20		.35
LETTUCE		Oz.	¼ lb.	1 lb.
Black Seeded Simpson, Early Leaf Lettuce.....		\$0.10	\$0.25	\$0.75
Grand Rapids, Early Crinkle Leaf .....		.10	.25	.75
Prize Head, Early Reddish Leaf .....		.10	.25	.75
Iceberg, Early, Heading Variety .....		.10	.25	.75
New York, Popular Heading Variety .....		.10	.30	.90
MUSKMELON SEED				
Our melons, both muskmelon and watermelon seeds are saved from select specimens of melons.				
		Oz.	¼ lb.	1 lb.
Hearts of Gold, Salmon Flesh		\$0.10	\$0.25	\$0.75
Honey Ball, Small, Green Flesh .....		.10	.25	.75
Hale's Best, Early, Rich Salmon Flesh .....		.10	.25	.75
Honey Dew, Green Flesh, Extra Sweet .....		.10	.25	.75
Rocky Ford, Popular Green Meated .....		.10	.25	.75
Hackensack, Earliest Green Flesh .....		.10	.25	.75
Milwaukee Market, Large Salmon Flesh .....		.10	.25	.75
Emerald Gem, Early, Delicate Salmon Pink .....		.10	.25	.75
Jumbo Giant, Largest of Muskmelons .....		.10	.35	1.00
Milwaukee Market. Large melons. Average 8 in. in diameter.				
Thick salmon flesh, sweet and delicious. Good shipper.				
Parcel Post extra — see page 2.				

MUSKMELON
Milwaukee Market



Very large melon. 8 in. diameter. Thick salmon flesh. Good shipper.



Dixie Bell Watermelon

Special Prices in Quantity

WATERMELON SEED

	PRICES—Bulk Seed		
	Oz.	¼ lb.	1 lb.
Dixie Bell, Extra Large, Very Early	\$0.10	\$0.20	\$0.50
Sun, Moon and Stars .....	.10	.20	.50
Cole's Early, Earliest Round Melon .....	.10	.15	.50
Kleckey's Sweet. Dark Green, Red Flesh .....	.10	.15	.50
Irish Gray, Grayish Green, Red Flesh .....	.10	.15	.50
Rattlesnake, Light Striped, White Seed .....	.10	.15	.50
Sweetheart, Light Green, Red Flesh .....	.10	.15	.50
Tom Watson, Long Green, Rich Red Flesh .....	.10	.15	.50
Golden Heart, Yellow Flesh Variety .....	.10	.15	.50
Ford Hook, early .....	.10	.15	.50

ONION SEED

	PRICES—Bulk Seed		
	½ oz.	Oz.	1 lb.
Red Globe, Best Keeper	\$0.10	\$0.15	\$1.40
White Globe, Good Keeper .....	.15	.25	2.00
Red Weathersfield, Good Keeper .....	.10	.15	1.50
Valencia, Large Yellow Skin .....	.15	.25	1.60
Yellow Danvers, Good Keeper .....	.10	.15	1.40
Prizetaker, Large Yellow .....	.10	.15	2.00

RADISH SEED

	PRICES—Bulk Seed		
	Oz.	½ lb.	1 lb.
Scarlet Turnip	\$0.10	\$0.30	\$0.50
Perfect White Tip .....	.10	.30	.50
Icicle, Long White .....	.10	.30	.50
Scarlet Globe, Round Red .....	.10	.30	.50
French Breakfast .....	.10	.30	.50
Crimson Giant, 2nd Early .....	.10	.35	.50
Rose China, Winter .....	.10	.35	.50

PEPPER

	PRICES—Bulk Seed		
	½ oz.	1 oz.	1 lb.
Bull Nose	\$0.15	\$0.25	\$2.00
Chinese Giant .....	.20	.35	3.50
Harris Early Giant .....	.15	.25	3.50
Ruby King .....	.15	.25	2.00
California Wonder .....	.15	.25	3.50
Pimento .....	.15	.25	2.00
Cayenne .....	.15	.25	2.50

ONION SETS

Prices Subject to Market Changes
Bottom Sets are raised from seed.
By parcel post, first pound 8c, each additional pound 6c extra.

	1 lb.	32 lb.
Yellow Bottom	\$0.15	Ask
White Bottom .....	.15	Ask
Red Bottom .....	.15	Ask
Perennial Top Sets (28 lbs. Bus.)	.10	
Chives, Perennial	Per Clump	.15
Garlic Bulbs	Per Pound	.25

Onion Plants, see page 14

MUSHROOM SPAWN

Inoculated manure bricks 25c each
Inoculated mold, per quart90c
Mushroom culture descriptive bulletin free.



Scarlet Globe Radish



Bison Best Early Tomato

TOMATO SEED**PRICES—Bulk Seed**

	½ Oz.	¼ lb.	1 lb.
Break O Day. New wilt resistant, red variety.....	\$0.15	\$1.00	\$2.00
Bison. Best extra early red tomato, very earliest ..	.20	1.25	4.00
Bonny Best. Very early smooth fruit .....	.15	.75	2.00
Crimson Cushion. Large beefsteak variety .....	.15	1.00	3.50
Dwarf Champion. Dwarf habit, tree like, purple fruit ..	.15	1.00	3.00
Earliana. One of the earliest red tomatoes .....	.15	.75	2.50
Marglobe. Second early, red variety, canners favorite ..	.20	1.00	2.00
New Stone. Best Type of large red smooth fruit ....	.10	.65	2.00
Ponderosa. Popular large fruit, red variety .....	.20	1.50	3.00
Yellow Pear. Small pear shape fruit .....	.20	1.50	

Plants—See Page 14

PARSNIP

	Oz.	¼ lb.	1 lb.
Hallow Crown	\$0.10	\$0.25	\$0.50

PARSLEY

	Pkt.	Oz.
Moss, Double Curled	\$0.05	\$0.10
Hamburg, Root Parsley .....	.05	.10

SALSIFY

	Pkt.	Oz.
Mammoth Variety	\$0.05	\$0.15

SPINACH

	Oz.	¼ lb.	1 lb.
Long Standing	(10 lbs. \$2.50) \$0.10	\$0.20	\$0.35
New Zealand .....	.10	.20	.50

PUMPKIN

	Oz.	¼ lb.	1 lb.
Sweet Sugar, Small yellow pie variety	\$0.10	\$0.25	\$0.75
Quaker Pie. A very excellent pie variety .....	.10	.25	.75
Connecticut Field, Planted with corn....(5 lbs. \$1.25)	.05	.15	.35

SQUASH

	Oz.	¼ lb.	1 lb.
Warty Hubbard, Large dark green, shell warty....	\$0.10	\$0.25	\$1.00
Table Queen, Small acorn shape, flesh rich yellow..	.10	.25	1.00
Mommoth Chili, Large Variety for fairs and shows..	.10	.35	1.00
Summer Crookneck, Yellow Summer Crookneck ....	.10	.30	1.00

TURNIPS

	Oz.	¼ lb.	1 lb.
White Milan, Extra Early Variety	\$0.10	\$0.25	\$0.60
Purple Milan, Extra Early Variety .....	.10	.20	.60
Purple Top, Strap Leaf, Flat Variety .....	.10	.20	.50
White Globe, Purple Top for field culture .....	.10	.20	.50

RUTABAGA

	Oz.	½ lb.	1 lb.
American, Purple Top .....	.10	.30	.50

Miscellaneous VEGETABLES**ASPARAGUS**

	Oz.
Washington, Rust Resistant	\$0.10
Mommoth White .....	.10

Asparagus Roots—See Page 14

BROCCOLI

	Pkt.	½ oz.
White Vienna	\$0.10	\$0.15
Purple Vienna .....	.10	.15

BRUSSELS SPROUTS

	Pkt.	½ oz.
Half Dwarf	\$0.10	\$0.15

ENDIVE

Per Ounce	\$0.10
-----------------	--------

KALE

	Pkt.	Oz.
Dwarf German	\$0.05	\$0.10
Curled Scotch .....	.05	.10

KOHL RABI

	Pkt.	½ oz.
White	\$0.05	\$0.10
Purple .....	.05	.10

LEEK

	Pkt.	Oz.
London Flag	\$0.05	\$0.20

OKRA or GUMBO

	Pkt.	¼ lb.
Early Dwarf, Green	\$0.10	\$0.25
White Velvet .....	.10	.25

RHUBARB SEED

	Pkt.	¼ lb.
Red Flare	\$0.10	\$0.50

SWEET HERBS

	Pkt.	½ oz.
Dill (Annual)	\$0.05	\$0.10
Marjoran (Perennial) .....	.10	.20
Sage (Perennial) ....	.10	.15
Savoy (Perennial) ....	.10	.25
Thyme (Perennial) ...	.10	.25

Parcel Post extra — see page 2



American Aster



Double Nasturtium

FLOWER SEEDS

ZINNIAS, PETUNIAS, NASTURTIIUMS, SWEET PEAS, ASTERS, PANSIES and MARIGOLDS according to our data of sales are the most used flower seeds. More of these varieties planted than most any other kind of flower seeds. Our selections listed here are of the best varieties of these kinds. The latest improved by cross fertilization known-grown by specialists in flower seed growing. Especially do we recommend our **Dahlia Type** of Zinnias. Blooms in June until frost.

ASTERS (Giant Branching)

PRICES—Bulk Seed

	Pkt.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.
Crimson, Wilt Resistant	\$0.10	\$0.15	\$0.25
Purple, Wilt Resistant .....	.10	.15	.25
White, Wilt Resistant .....	.10	.15	.25
Giant Mixed, all colors, Wilt Resistant .....	.10	.15	.25
Early Beauty, all colors, Wilt Resistant .....	.10	.15	.25
American Beauty, all colors, Wilt Resistant .....	.10	.15	.25
New Creation, reddest red, Wilt Resistant .....	.10	.15	.25

NASTURTIIUMS

	$\frac{1}{2}$ oz.	1 oz.	1 lb.
Dwarf, mixed colors .....	.05	.10	.60
Tall, mixed colors .....	.05	.10	.60
Golden Gleam, double fragrant flower .....	.15	.25	2.50
Scarlet Gleam, double fragrant flower		$\frac{1}{16}$ oz.	\$0.20

PANSIES

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Michael's Colossal, largest flowers, all colors.....	\$0.10	\$1.00	\$3.00
Swiss Giant, improved variety colors .....	.10	1.50	5.00
DeLuxe, mixture, all variety of giants mixed .....	.10	1.50	5.00
Engelmann's Giant, huge flowers, early, different shades		$\frac{1}{16}$ oz.	\$.075

PETUNIAS—Petunia Hybrida, 20 Inches

	Pkt.	$\frac{1}{16}$ oz.	$\frac{1}{2}$ oz.
General Dodd, blood red	\$0.10	\$0.15	\$0.25
Howard's Star, improved, purple and white .....	.10	.20	.40
Cockatoo, violet with white spots .....	.10	.15	.35
Rose King, rich rose .....	.10	.15	.25
Baby Blue .....	.10	.15	.25
White, snow white .....	.10	.15	.25
Balcony, mixed .....	.10	.25	1.00
Michael's 4 Cross, blend .....	.10	.15	.25

PETUNIA HYBRIDA (Dwarf 8 Inches)

Purple, white spots	\$0.10	\$0.25	\$0.75
Rose of Heaven .....	.10	.29	.35
Rosy Morn .....	.10	.25	.75
Violacea, deep violet .....	.10	.20	.50
Nana Erecto, mixed colors .....	.05	.15	.35

PETUNIA GRANDIFLORA

All Double mixed. 100 Seeds .50
Our all double triumphant petunia seed produces hundred percent double flowering plants.

PETUNIA NANA COMPACTA

Martha Washington — (New petunia) Flowers ruffled and frilled. Plants 9 in. high forming ball effect, literally smothered with blooms, June till November. PricePkt. 25c. $\frac{1}{16}$ oz. \$1.50
Parcel Post extra — see page 2.



Petunia Hybrida



Giant Zinnia



Sweet Peas

SWEET PEAS (Spencer Type)	½ oz.	1 oz.	1 lb.
Fluffy Ruffles, rose pink	\$0.10	\$0.20	\$1.50
Hawlmart, pink .....	.10	.20	1.50
Powerscourt, lavender .....	.10	.20	1.50
Blanche Ferry, pink .....	.10	.20	1.50
Etta Dyke, white .....	.10	.20	1.50
King Edward, red .....	.10	.20	1.50
President, orange .....	.10	.20	1.25
Michael's DeLuxe mixture .....	.10	.15	1.25

ZINNIA (California Giants)	Pkt.	¼ oz.	1 lb.
Brightness, bright pink	\$0.10	\$0.20	\$0.75
Golden Queen, yellow .....	.10	.20	.75
Grenadier, bright dark red .....	.10	.20	.75
Orange King, orange scarlet .....	.10	.20	.75
Purity, best white Zinnia .....	.10	.25	.75
Lilliput, Pompom, finest mixture .....	.05	.15	.50

ZINNIA (Dahlia Type)			
Exquisite, light rose, deep rose center	\$0.10	\$0.25	\$0.75
Crimson Monarch, deep crimson, large flowers.....	.10	.25	.75
Meteor, darkest of all reds, deep red .....	.10	.25	.75
Oriole, golden bicolor, orange and gold .....	.10	.25	.75
Golden State, yellow orange .....	.10	.25	.75
Dream, Lavender flower .....	.10	.20	

MARIGOLD	Pkt.	⅛ oz.	¼ oz.
Gigantea, Sunset Giant, Fragrant	\$0.15	\$0.50	\$1.00
Guinea Gold, double ruffled flowers .....	.10	.15	.25
Double Monarch, dwarf mixed shades .....	.10	.15	.25
Double Tall, Finest Mixed .....	.05	.10	.15

Marigold and Zinnia
Marigolds and Zinnias bloom longer in season, and as cut flowers in a vase last longer in bloom than any other combination of cut flowers.



Marigold—Gigantea, Gold

In Combination
Plant in a row, two red zinnias, one Prince Orange marigold, 18 in. apart. Gives when blooming the beautiful effect of the scarlet and the golden.

AMERICAN BERRY BOXES — COMMERCIAL BASKETS

For Cherries, Raspberries, Strawberries and other berries. **Pint** size, per 100, **85c**; per 500, **\$3.75**; per 1000, **\$7.50**. **Quart** size, per 100, **90c**; per 500, **\$4.00**; per 1000, **\$7.50**. **Crates**, 24 qt. size, each **15c**.
Grape Baskets, 8 qt., per doz. **60c**; per 100, **\$5.00**. Drop Handle Basket ½ Bu., per doz., **90c**; per 100, **\$7.00**; 1 Bu. Baskets, per doz., **\$1.25**. Repacking Baskets, per 100, **\$2.00**; per 100, **\$15.00**.

PLANT MARKERS

A metal plant marker will last lifetime. Price, doz., **40c**; per 100, **\$3.00**. Bamboo Stakes **15c** Doz.; 100, **75c**



Alyssum



Portulaca

FLOWER SEEDS

(Alphabetical Order)

	Pkt.	$\frac{1}{16}$ oz.	Oz.
Acroclinium, Large Flower, Double Hybrids	\$0.10	\$0.25	
Alyssum , Procumbens, Compact Form, Carpet of Snow..	.05	.10	\$0.35
Antirrhinum (Snap Dragons) Majus Grandiflorum ....	.10	.15	1.00
Bachelor Buttons, (Centaurea) Mixed Colors .....	.05	.10	.25
Balsam, Double Camellia Flowered, Mixed .....	.05	.10	.25
Beans (Scarlet Runner) Beautiful Red Flowers .....	.05	.10	.15
Calendula , Ball's Golden, Improved Glorified .....	.10	.15	.75
Calendula, Crysantha Sunshine, New Type .....	.10	.15	.75
Caliopsis, Hybrida Superba, New Shades, Mixed .....	.05	.10	.25
Candytuft, (Iberis) Hyacinth Flowered Strain, Mixed ..	.10	.25	.75
Carnation, Double Flowering, Chabaud's Giant Mixed..	.10	.25	1.50
Castor Beans, Ricinus, Zanzibariensis Enormis .....	.05	.10	.15
Celosia , (Coxcomb) Childsii, Chinese Wool Flower ....	.10	.25	1.00
Celosia, (Coxcomb) Empress, Bright Crimson .....	.10	.35	1.25
Clarkia, Elegans, Special, Double Mixed .....	.05	.10	.25
Cosmos, True Early Mommoth Single Mixed .....	.05	.10	.25
Cosmos , Hybrida, Early Klondyke , Orange Flare ....	.10	.15	.75
Cypress Vine, Attractive Scarlet, Fine Foliage .....	.05	.10	.30
Datura. (Angel's Trumpet), Extra Large Flowering....	.05	.15	.60
Forget-Me-Not, (Myosotis), Star of Love, Very Dwarf	.15	.50	
Four-O-Clock (Marvel of Peru) Mixed Colors .....	.05	.10	.20
Helichrysum (Straw Flower) Everlasting , Double .....	.10	.15	.50
Ipomea (Moon Flower) Rapid, Nocturnal, White .....	.05	.10	.25
Ipomea (Moon Flower) Heavenly Blue .....	.10	.15	.75
Larkspur, Annual, Giant Imperial, Base Branching ....	.10	.25	.75
Lobelia, Dark Blue Border Plant .....	.05	.15	.75
Morning Bride (Scabiosa) Cushion Flowering, Feathery	.10	.15	.40
Morning Glory , Clark's Big Blue , Giant Climber .....	.10	.25	1.25
Nemesia, (Nana) Mixed, Large Flower, Bright Shades..	.10	.25	
Pinks (Dianthus) Chinese Double Mixed .....	.10	.25	.50
Poppy Rhoas, Scarlet, " Flanders Poppy " " The Legion "	.05	.15	.50
Poppy, California Mommoth, Many Kinds, Mixed ....	.10	.15	.50
Portulaca, (Rose Moss) Single Large Flowering .....	.05	.15	.75
Portulaca (Rose Moss) Double Large Flowering, Mixed	.10	.25	1.50
Phlox Drummondii, Annual, Large Flowering, Mixed	.10	.15	1.25
Salpiglossis (Painted Tongue) Large Flowering, Mixed	.10	.15	.75
Salvia Splendens (Scarlet Sage) Fire Cracker Plant ....	.10	.15	1.25
Stocks, Dwarf German, Double Flowering, Mixed ....	.10	.15	1.00
Summer Cypress, Climbing Vine, Profuse Red Bloomer	.05	.10	.25
Sweet William (Silene Orient)—From June to October	.05	.10	.25
Tithonia, Speciosa, (Red Hot Poker) Grand Fireball ..	.10	.25	
Verbena, Hybrida, Best Mixture .....	.05	.10	.60

PERENNIAL FLOWER SEEDS

	Pkt.	$\frac{1}{16}$ oz.
Aquilegia (Columbine), single mixed	\$0.10	\$0.25
Aquilegia (Columbine), double mixed .....	.10	.25
Armeria Formosa, Large Flowering Hybrid .....	.10	.25
Aster, Wild, Blue and Violet mixed .....	.05	.15
Campanula (Canterbury Bells) .....	.10	.25
Carnation, gernadin double mixed .....	.10	.25
Candytuft, Sempervirens, white .....	.10	.25
Coreopsis (Lanceolata) double yellow .....	.05	.10
Delphinium , Michael's Special mixed .....	.15	.40
Digitalis (Fox Glove) .....	.10	.15
Forget-Me-Nots (Myosotis) sky blue .....	.10	.15
Gaillardia, new hybrids .....	.10	.15
Linum, LINUM—Perennial Flat. Sky-blue blossom.....	.10	.15
Oriental Poppy (Papaver) scarlet .....	.10	.15
Phlox , Decussata, mixed, 2 ft. stems .....	.10	.25
Physalis, Chinese Lantern .....	.10	.25
Pinks, Allwoodii .....	.10	.25
Pyrethrum, single mixed .....	.10	.25
Pyrethrum , double mixed .....	.25	1.00
Shasta' Daisy , best American white double .....	.10	.25
Sweet Peas, Lathyrus, mixed colors .....	.10	.25
Hollyhock, Fringed Petals, Alleghany (100 Seeds 10c).		
Hollyhock, double type (100 Seeds 10c). Roots each 15c; doz. \$1.00		



Dahlia



Canna

BULBS, ROOTS and FLOWERING PLANTS

CANNA ROOTS AND PLANTS (4 in. Pot)	Each	Doz.
President, red, pot grown plants, grows 4 ft. high	\$0.25	\$2.25
President, Canna Dormant Roots .....	.10	.75
Queen Helen, yellow pot grown plants, grows 4 ft. high ..	.25	2.50
Queen Helen, Canna Dormant Roots .....	.10	.75
Humbert, bronze foliage, pot grown plants, grows 4 ft. high	.25	2.25
Humbert, Canna Dormant Roots .....	.10	.75
Eureka, Pure white. pot grown plants, grows 4 ft. high ....	.25	2.50
Eureka, Canna Dormant Roots .....	.10	1.00
Musifolia, Green red flowers, pot grown, grows 6 ft. high.	.25	1.75
Musifolia, Canna Dormant Roots .....	.05	.50

DAHLIAS

Bashful Grant, Apricot and Amber .....	.10	1.00
Diana, Scarlet, True Marcean Diana .....	.10	1.00
D. M. Moore, Deep Maroon, Almost Black .....	.10	
Purple Manitou, Immense Purple Flower .....	.15	
Jane Cowl, Brousy Bluff Salmon .....	.15	
Jersey Beauty, Perfect Pink, popular flower .....	.20	
Judge Marean, Reddish Orange .....	.10	
Robert Treat, American Beauty Color .....	.15	
Laura Morris, Large Flower .....	.15	
Oregon Beauty, Brilliant Red .....	.10	
Mrs. E. DeVer Warner, Orchid Lavender .....	.10	
Venus, White Suffused Lavender .....	.10	
Mixed Shades, Pink, Red, White and Yellow	7½c	(75c doz)

GLADIOLUS BULBS	Each	Doz.	100
Anna Eberius, Dark Velvety Purple	\$0.08.	\$0.75	\$5.00
Dr. F. E. Bennett, Scarlet and White .....	.06	.60	4.00
Giant Nymph, Pink with Creamy Yellow .....	.05	.50	3.00
Gold Eagle, Clear Yellow .....	.05	.50	3.00
Byronne L. Smith, Lavender-Pink .....	.08	.75	5.00
Los Angeles, Attractive Bright Pink .....	.05	.50	3.00
Shaller, Deep Rose Pink Ruffled .....	.05	.50	3.50
Virginia, Scarlet, Dark Throat .....	.05	.50	3.00
Native Mixture, Home Raised .....		.25	1.50
Jumbo Mixture, Largest size attractive bulbs .....	.05	.40	3.00

PEONIES

Roots Fertilized for Planting

Picture	Each	root	wrapped	name and Description.	Each	
Edulis Superba, Pink, Very early	\$0.20	3	for		\$0.50	
Felix Crouse, Brilliant Crimson, stiff stems .....	.20	3	for		.50	
Festiva Maxima, Pure White flecked, Better Best ..	.20	3	for		.40	
Karl Rosenfeldt, Brilliant Crimson, Better Best ....	.25	3	for		.60	
Pink Unnamed Mixed, mixed pink varieties .....	.15			\$1.50 doz.		
Red Unnamed Mixed, mixed red variety .....	.15			2.00 doz.		
Mixed Colors. All kinds, red, pink and white .....	.15			1.50 doz.		
LeCygne, White, World's best peony, each	4.00					

IRIS

We stock many varieties not mentioned.

Alcazar, S. Violet, F. Purple, 3 ft.	\$0.25
Ambassadeur, S. Purple, F. Maroon, 3 ft. ....	.50
Juniata, S. and F. Deep Blue, Tall, 4 ft. ....	.25
Kochi, Rich Dark Purple, black, 2½ ft. ....	.15
Mother Pearl, Bluish Lavender, 3 ft. ....	.35
Prospero, S. Lavender, F. Deep Purple .....	.50
Mixed Iris, All kinds, mixed	(35c per doz.) .05



LILLIUM PHILIPPENENSE FORMOSANUM

“WONDER LILY”

Sturdy plant, long leaves, beautiful foliage, **ever blooming**. New spikes continually appearing from the mother bulb. Bearing flowers until frost in autumn. Regal lily type flowers. Price 25c each, 3 for 70c

HARDY LILY BULBS

	Each		
Madonna, fragrant white, autumn planting	\$0.15	2 for	\$0.25
Elegans, (Fire Lily) red .....	.15	3 for	.40
Regale, Pink Shaded, 6 to 7 inch .....	.20	3 for	.55
Tiger Lily, Single .....	.10	4 for	.35
Tiger Lily, Double .....	.15	3 for	.40

NOT HARDY

Begonias, Tuberose Rooted, different colors .....	.15	3 for	.40
Elephant's Ear (Caladium) Tropical foliage .....	.25	3 for	.70
Tuberose, Sweet Scented flowers .....	.05 doz.	for	.50

CHRYSANTHEMUMS (Hardy Outdoor Varieties)

Surpass all kinds of cut flowers for autumn season, lasting until the ground freezes hard.

No other plant known returns so much for its cost.

Astrid—Soft Pink, Absolutely Winter Proof Variety	\$0.60	each
Alladin—Bronze, July Bloomer, Perpetual Flowering.....	.50	each
Brilliancy—Bright Red, Variety Early Semi-doube .....	.25	each
Vulcan—Carmine Red, New Family Chrysanthemum .....	.25	each
Marion Hatton—Early, Double Yellow Flowering .....	.25	each
Uvalde—Double, White Free Flowering .....	.25	each
Parisiene—Large Double Flowering Pink .....	.25	each
Saranac—New Yellow, Double, Very Early .....	.25	each

AQUATIC PLANTS

WATER LILIES

	TUBERS	
	Each	3 for
White Adorata, fra- grant flowers	\$0.25	\$0.60
Yellow (Advena) .....	.50	1.25
Helen Fowler, pink	1.00	2.50
Aurora, red flower	2.00	
Gigantea, large white ..	1.00	
American Lotus, creamy	2.00	
Water Hyacinth .....	.10	.25
	\$1.00 doz.	
Wild Rice, aquatic duck food	1.25 lb.	



Helen Fowler

DOGZOFF—Effective driving ants away, keeping rats and mice out of the house, as well as protecting trees from rabbits. See price Page 22.



Tomato Plant



Basket of Pansy Plants

PLANT DEPARTMENT

Fertilized for Planting

Picture each root wrapped	Name and Description	Each
	Baby Breath (Gypsophila), wrapped	\$0.15
	Bleeding Heart, (Dicentra) wrapped roots, Old fashioned	.18
	Campanula (Bell Flower), wrapped roots	.18
	Carnations, pink and scarlet, wrapped	.15
	Columbine, large, wrapped roots, good Rock Garden Plant	.15
	Coreopsis, large, wrapped roots	.15
	Delphinium hardy perennial, wrapped roots	.25
	Dianthus (Garden Pink), wrapped roots	.15
	Gaillardia, (Blanket flower) wrapped roots	.15
	Lupine, blue and pink, wrapped roots	.15
	Oriental Poppy (Papaver), wrapped roots	.15
	Phlox, mixed kinds, wrapped roots	.15
	Phlox, named varieties, wrapped roots	.18
	Physalis (Chinese Lantern), wrapped roots	.15
	Pyrethrum (Painted Daisy), wrapped roots	.15
	Seedum, rock garden plant, wrapped, rock garden use	.15
	Sempervivum (Horse Leek), wrapped, rock garden use	.15
	Shasta Daisy, large clumps, wrapped roots	.15
	Sweet Pea, perennial, wrapper roots	.20

BASKET GROWN PLANTS

FLOWERING PLANTS (In Earth)

Aster Plants, Basket Grown	\$0.35 doz.	Bulk	\$2.50 per 100
Pansy Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Petunia Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Salvia Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Geranium, Plants. 4 in., pot grown, dark red, pink and white	.25 each	2.50 doz.	

VEGETABLE PLANTS

Cabbage Plants, frost proof, grown out doors	\$0.35 per 100
Cabbage Plants, transplanted, cold frame grown	1.00 per 100
Tomato Plants, frost proof, grown out doors	.50 per 100
Tomato Plants, transplanted, cold frame grown	1.00 per 100
Cauliflower Plants, early (Snowball)	2.00 per 100
Celery Plants, early variety	.75 per 100
Egg Plants, purple	1.50 per 100
Pepper Plants, giant bull nose	1.25 per 100
Sweet Potato Plants	.75 per 100 \$5.00 per 100
Asparagus Roots, Washington, rust proof	.35 doz. 1.50 per 100
Rhubarb Roots, 2 year old	.10 each .60 doz.

ONION PLANTS

Parcel Post: 1st lb. 8c, each additional pound 6c extra.			
	100	1000	6000
White Bermuda Plants	\$0.10	\$0.75	\$4.50
Yellow Bermuda Plants	.10	.75	4.50
Valencia Plants	.10	.75	4.50

VEGETABLE KINGDOM VS. ANIMAL KINGDOM

Life on this earth is divided into two great kingdoms; the vegetable kingdom and the animal kingdom. These two kingdoms are again divided into wild life and domestic life. Vegetable kingdom is the old kingdom. The animal kingdom lives on the vegetable kingdom. Everything that we eat and wear comes from Mother Earth through the activities of plant life—the Vegetable Kingdom. “All flesh is grass”. Wild life is more resistant than domestic life which has been brought up to the high state of perfection we find it today from the wild life by the artificial effects of man’s labor and ingenuity—up and out of the fathomless past. Insects prey on domestic life rather than wild life for the reason that domestic plants furnish more succulent food. We protect domestic plants against these inimical things by insecticides and other remedies. See page 22.



Mowing

Alfalfa

AGRICULTURAL SEEDS
ALL PRICES SUBJECT TO MARKET CHANGES

The great drouth and terrific hot weather July and August, 1936, destroyed many fields of CLOVER and ALFALFA crops of seed United States that year near failure and was not a normal seed crop yet in 1937. As a result PRICES are higher yet this year.

We give no warranty, expressed or implied, as to description, quantity, productiveness, or any other matter of any seeds, bulbs, nursery stocks or plants we send out, and we will not, in any way, be responsible for the crop, or any sweet clover infestation in alfalfa fields. Samples furnished on application.

ALFALFA SEED	PRICES	
	Fair to Superfine Qualities	
Common, Home Grown Seed	\$27.50 to	\$30.00 Per 100 lbs.
Common, Western Grown Seed	25.00 to	28.00 Per 100 lbs.
Grimm, Affidavit, Home Grown Seed	28.00 to	32.00 Per 100 lbs.
Cossack, Affidavit, Home Grown Seed	30.00 to	32.50 Per 100 lbs.
Dakota No. 12, Nebr., Dakota Grown	30.00 to	32.50 Per 100 lbs.
TURKESTAN—Genuine home raised	10.00 to	12.50 Per 100 lbs.

SWEET CLOVER SEED	Fair to Superfine Quality	
Common White, Biennial Variety	\$8.00 to	\$10.00 Per 100 lbs.
Common Yellow, Biennial Variety	8.00 to	10.00 Per 100 lbs.
Hubam White, Annual Variety	Prices on Application	

CLOVER AND GRASS SEED	Fancy to Superfine	
Medium Red Clover, Iowa	\$12.00 to	\$15.00 Per Bushel
Alsike, Wisconsin Grown	12.00 Per Bushel	
Timothy, Iowa Grown	3.00 to	4.50 Per Bushel
White Clover, Bright Seed, field use	35.00 to	40.00 Per 100 lbs.
Bromus Inermis, Early and Late Pasture	18.00 to	25.00 Per 100 lbs.
Blue Grass Strippers	\$2.25	
Blue Grass Ky., Superfine, Michael's		
30 lb. Quality Lawn Culture	1 lb. 30c, 5 lb. \$1.50, 10 lb. \$3.00	
Blue Grass Ky., Fancy Fine, Michael's		
25 lb. Quality, Lawn Culture ...	1 lb. 30c, 5 lb. \$1.00, 10 lb. \$2.90	
Blue Grass Ky., Very fine, Michael's		
21 lb. Quality, Standard Field Culture ..	1 lb. 20c, Per 100 lbs. \$17.50	
Blue Grass, Trivialis, for Shady Nooks	1 lb. .40, 5 lbs. \$1.75	
Blue Grass (Meadow Fescue)	Per 100 lbs. \$17.50	
Creeping Bent Grass, Oregon Grown Astoria	1 lb. \$1.00, 5 lbs. \$4.00	
Rye Grass, Annual, Michael's Small Seeded ..	1 lb. .20, 10 lbs. \$1.50	
Rye Grass, Native, Annual	\$ 9.00 Per 100 lbs.	
Red Top, Fancy, Solid Seed	1 lb. .20 \$18.00 Per 100 lbs.	
Orchard Grass	1 lb. .25, 23.00 Per 100 lbs.	
Pasture Mixture, Special Mixture	15.00 Per 100 lbs.	

FIELD AND FORAGE SEED		
Spring Wheat, Thatcher's Rust resistant	\$1.50 to	\$2.00 Per Bu.
Rosen Rye, Mammoth White seeded variety ....	.75 to	1.00 Per Bu.
Barley, Velvet and other kinds .....	.90 to	1.00 Per Bu.
Oats, Gopher, Big 4, other kinds	Ask for price Per Bu.	
Soy Beans, Early Manchu	1.25 to	1.50 Per Bu.
Flax, Minn. Grown, Wilt Resistant	Ask for price Per Bu.	
Rape Seed, Dwarf Essex	8.00 to	10.00 Per 100 lbs.
Sugar Cane, Ey. Black Amber	1.25 to	2.00 Per 100 lbs.
Kaffir Corn, True White variety	2.00 to	2.50 Per 100 lbs.
Maze, Grohomo, other forage cereals	2.00 to	2.50 Per 100 lbs.
Millet, True German variety	3.00 to	4.00 Per 100 lbs.
Hegari—A most valuable forage crop	2.00 to	2.50 Per 100 lbs.
Sudan Grass Seed, great forager	4.50 to	5.00 per 100 lbs.
Cyclone Seeders	\$2.50 each	
Nitragin Inoculation ½ bu. size, 40c; Special Plate bu. 60c; 5 bu. \$2.50		

SEED POTATOES

All prices quoted for seed corn and seed potatoes are subject to market changes and stocks unsold.

SEED POTATOES (Red River Grown)

Early Ohio, for seed. Price on applicationPer Bushel
Ohio Cobbler, for seed. Price on applicationPer Bushel
Triumph, for seed. Price on applicationPer Bushel

WARBA HYBRID SEED POTATO

The main characteristics of the HYBRID WARBA potato are: earliness, upright sturdy vines, high yield, short round blocky white tubers with pink eyes, uniform size. Mosaic disease resistant, it is especially adapted for an early market potato and a great early variety for the home garden. Its season is ten to fourteen days earlier than Irish Cobbler and from seven to ten days earlier than Ohio and Bliss Triumph. Vines of the Warba less injured by high temperature than Bliss Triumph. Vines green until normally matured. Flesh conspicuously white and crisp. Price per bu. \$2.50

KATAHDIN HYBRID SEED POTATO

The HYBRID KATAHDIN potato is a double cross, the crossing of two crosses, with a history like the breeding of hybrid seed corn, introduced by the United States Department of Agriculture. Has the advantage, once produced, does not require continuous breeding like hybrid seed corn does. This hybrid is smoother, rounder than most other varieties. The Experiment Station of North Dakota, from four potatoes, raised one bushel. Price per bushel, \$2.50

THE MICHAEL SEED STORE

SIOUX CITY, IOWA

316 Pearl Street -:- Phone 8-8666

SEED CORN

All prices quoted for seed corn and seed potatoes are subject to market changes and stock unsold.

SEMESAN Jr.

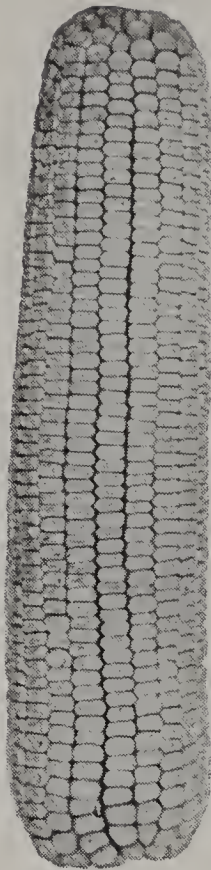
A Dust Disinfectant for Seed Corn

4-oz. tin\$0.35
1-lb. tin 1.00
5-lb. tin 4.75

SEMESAN BELL

Dip Disinfectant for Seed Potatoes

4-oz. tin\$0.50
1-lb. tin 1.65
5-lb. tin 5.00



Iowealth Hybrid Seed Corn

FIELD CORN SEED

Reids Improved, Home Grown\$1.50 to \$2.00 Per Bushel
Wimple Yellow Dent, Home Grown 1.50 to 2.00 Per Bushel
Yellow Hammer, Extra Early, 90 days 2.50 to 3.00 Per Bushel
Silver King, Early White Dent 2.50 to 3.00 Per Bushel
Other Varieties, less important kinds 1.50 to 2.00 Per Bushel

HYBRID FIELD CORN SEED

This Iowealth Hybrid Corn of ours was bred not only to out-yield, but also bred for a deeper root system which makes it drouth resistant, wind resistant and heat resistant. Its wide spreading deep root system, is the trick that does it. Iowealth Corn with its powerful root system grows heavy, strong stock that produces, not only one ear but a good second ear.

WE QUOTE THIS YEAR'S PRICES AS FOLLOWS:

IOWEALTH Hybrid Seed Corn, edge drop\$7.00 Per Bu.
IOWEALTH Hybrid Seed Corn, Special Plate 5.00 Per Bu.
IOWEALTH Hybrid Seed Corn, large hill drop 5.00 Per Bu.

COLD RESISTANT IOWEALTH HYBRID CORN

A new thing in corn that will change corn planting like the automobile did travel over the horse and buggy age.

IOWEALTH Hybrid Cold Resistant, edge drop\$8.00 Per Bu.
IOWEALTH Hybrid Cold Resistant, Special Plate 7.00 Per Bu.
IOWEALTH Hybrid Cold Resistant hill drop 5.00 Per Bu.

See Page 5 for Hybrid Strains of Sweet Corn.

NURSERY DEPARTMENT

WE CARRY IN STOCK VARIETIES NOT QUOTED HERE

Specimen Sizes — Special Prices		Each	Five	Ten
Fruit Trees, Selected Stock, 11/16 up, 5 to 6 ft.		\$0.50	\$2.40	\$4.25
Fruit Trees, Second Size 9/16 up, 4 to 5 ft. ....		.40	2.45	3.25
These prices apply to Apples and Crabs.				
Special Prices Plums, 11/16 up .....		.50	2.25	4.00
Special Prices Plums, Second Size, 7/16 up .....		.35	1.60	3.00
Prices Pears, Second Size, 7/16 up .....		.40		

APPLES	Size 11/16 up	Per Tree
Anoka, Extra Early, Subacid, Dwarf Habits, Bears Young.....		\$0.50
Duchess, 'Oldg., Early, Subacid, July, Large Fruit Striped ....		.50
Transparent, Extra Early, Yellow, Season August Subacid ....		.50
Delicious, Winter, Dark Red, Large Fruit, Conical Apple ....		.50
Delicious, Golden, Luscious, Fall and Winter Apple .....		.50
Jonathan, Red, Early Winter, Most Popular Apple Known ....		.50
Haraldson, Reddish, Winter Apple, First Degree Hardiness ....		.50
McIntosh, Winter, Red, Long Keeper—Canadian Origin, Hardy..		.50
No. West Greening, Winter, Green Apple, Long Keeper .....		.50
Wealthy Red, Autumn and Winter, Superior Eating, Cooking..		.50
Winesap, Red, Winter, Good Keeper, Old Fashion But Good....		.50
Winesap, Golden, Lucious Winter, Yellow Fruit, Red Cheek....		.50



CRAB APPLES	Size 11/16 up
Whitney, Hybrid, For Eating....	.50
Florence, Red Jelly, Prolific....	.50

CHERRIES	Size 11/16 up
Richmond, Extra Early, Dark..	.60
Montmorency, Later Variety....	.60
Morello, Latest, Dark Red .....	.60
Tartarian, Sweet, Black Heart..	.65
Compass, Plum-Cherry Cross....	.60
Bird Cherry, Hansen Hybrid....	.75
Bush Cherry, Hansen Hybrid....	.25

PLUMS	Size 11/16 up
Hanska, Hansen Hybrid, Red....	.50
Opata, Hansen Hybrid, Green....	.50
Sapa, Hansen Hybrid, Dark....	.50
Waneta, Hansen Hybrid, Largest Fruit of the Plum Family .....	.50
German Prune, Dark Red.....	.50
Terry Chickasaw, Natic Plum..	.50
Omaha, Chickasaw, Native Plum..	.50

APRICOTS	One Year From Buds
Manchu, Siberian, Extra Hardy..	1.50

PEACHES	Size 11/16 up
Bokara, Hardy .....	.35

PEARS	Size 11/16 up
Bartlett, Large Fruit, Summer..	.60
Flemish Beauty, Sweet Summer..	.60
Flemish Beauty, Dwarf-4 ft. ....	.75
Kieffer, Winter ariety, Hardy..	.60

CURRANTS, 2 yr. #1	Each	Doz.
Diploma, Large Fruit.....	\$0.15	\$1.50
Perfection, Large Fruit ....	.15	1.50

GOOSEBERRIES, 2 yr.	Each	Doz.
Downing, Big Fruit	\$0.15	\$1.75
Houghton, Med. Fruit ....	.15	1.50

BLACK BERRIES — (Trans-planted Plants)	Doz.	100
Snyder	\$0.35	\$3.00
Eldora .....	.50	3.00

RASPBERRIES — (Trans-planted) 2 Yr. No. 1	Each	Doz.	100
Chief, Red June bearing...	\$0.50	\$3.50	
Columbian, Purple June ..	.75	5.00	
Cumberland, Black June ..	.65	4.00	
Boysenberry, triple-cross..	.10	.75	

GRAPEVINES—2 Yr. No. 1	Each	Doz.	100
Concord, Common			
Black	\$0.10	\$0.75	\$6.00
Beta, Arbor Vines..	.15	1.50	10.00
Worden, Early			
Concord .....	.15	1.15	7.50
Caco, Red, Very			
Hardy .....	.25		



Hydrangea P. G.

ORNAMENTAL FLOWERING SHRUBS

Price Each

Almond, 2 to 3 ft., Double Pink, Early Flowers.....	\$0.40
Barberry , 18 to 24 in., Ornamental Red Leaf .....	.40
Beauty Bush , 2 ft. (Kolkwitzia) Double Pink Flowers .....	.35
Butterfly Bush, No. 1 Alternifolia, Purple Flowers .....	.30
Butterfly Bush (Buddleia) Ile de France, Sensational New ....	.30
Cercis, RED BUD , 2 to 3 ft., Early Red Flowers .....	.50
Cercis (Red Bud) 5/6 ft., Early Red Flowers	1.25
Cherry, 3 to 4 ft., Japanese Flowering (Pink Flowers)	1.25
Cotoneaster, 2 to 3 ft., Dark Green Leaves .....	.35
Crab, 2 to 3 ft., Bechtel Flowering .....	.50
Cranberry, 2 to 3 ft., High Bush, White Flowers .. .	.35
Dogwood (Cornus), 2 to 3 ft., Siberica, Red Bark .....	.50
Elder, 2 to 3 ft., Golden Yellow Foliage .....	.35
Forsythia, 2 to 3 ft., Spectabilis, Golden Flowers .....	.35
Honeysuckle, 2 to 3 ft., Bella Rosia, Pink Flowers .....	.30
Hydrangea , 2 to 3 ft., A. G. Everblooming .....	.40
Hydrangea, 2 to 3 ft., P. G. Summer Bloomer .....	.40
Plum (Prunus) Triloba, 2 to 3 ft., Double Pink .....	.50
Plum (Prunus) Pissardi, 2 to 3 ft., Purple leaf—white flower ..	.50
Quince, 2 to 3 ft., Japanese Early Red Flowers.....	.30
Rhodotapos, 2 to 3 ft., Shiny Green Leaves, Shaded Places ....	.30
Rose Acasia, 2 to 3 ft., Low Bushy Shrub, Pink Flowers .....	.40
Snowball (Viburnum), 2 to 3 ft., Common Snowball .....	.50
Snowberry (Symphoricarpus), 2 to 3 ft., Pink Flowers .....	.25
Sumac (Rhus), 2 to 3 ft., Crimson Berries, Clumps .....	.25
Syringa 18 to 24 in., Semi-dwarf, Golden Foliage .....	.35
Syringa, 18 to 24 in., Lemonie, Semi-dwarf, Green Foliage .....	.35
Syringa , 3 to 4 ft., Virginialis, Double Flowering .....	.40
Tamarix, 2 to 3 ft., Hispida, Coral Pink Flowers .....	.35
Tamarix, Africana, dark green foliage, pink, 2 to 3 ft. ....	.35
Weigelia, 2 to 3 ft., Eva Rathke, Red Flowers .....	.40
Yucca, Filamentos, 2 yr., Sword Leaf Foliage .....	.25
Yucca, Irish Green (Puya Alpestris) New Variety .....	.50

LILACS—2 to 3 ft.

Charles Joly , Double Purplish Red, French grafted stock .....	.60
Charles 10th, Single, Purplish Red, French grafted stock .....	.60
Mme. Perier, Double White, French grafted Stock .....	.60
Michael Buchner, Double Dwarf, Lavender Lilac .....	.60
Ludwig Spaeth, Single Purple, Most Profuse Bloomer .....	.65
Persian, Purple Flowers, Early Profuse Bloomer .....	.40
Common Purple, (Vulgaris) Old Fashion Variety .....	.25

SPIREA—(Bridal Wreath)

Anthony Waterer , 18 to 24 in., Dwarf, Crimson, Everblooming ..	.25
Froebeli, 18 to 24 in., Similar to Anthony Waterer, Taller .....	.30
Prunifolia, 2 to 3 ft., Very Early Bridal Wreath .....	.50
Van Houte , 3 to 4 ft., Fragrant White Bridal Wreath .....	.35
Van Houte, 2 to 3 ft. ....	.25

See Page 20 for Hedge Size



American Beauty



Crimson Rambler

H. P. ROSES—(2 Yr. Wrapped Roots, field grown stock)

American Beauty, Fragrant, Soft Crimson	\$0.40
Druschki, Large Flower, Snow White .....	.40
Sweet Briar (Rubiginosa) Single Pink Flowers .....	.35
Eugene Furst, Dark Crimson, Profuse Bloomer .....	.45
Gruss an Teplitz, Dark Red, Always Blooming .....	.40
Gen. Jacqueminot, Fragrant, Rich Crimson .....	.35
Paul Neyron, Fragrant, Largest Pink Flower .....	.35
Talisman, Copper Red, Blended Orange, Rose .....	.40
Briarcliff, Silvery Rose Pink .....	.35
Red Radiance, Bright Rosy Red .....	.40
Lord Charlemont, Glowing Scarlet Red, Black Undertone .....	.35
Mme. Butterfly, Light Pink, Fragrant .....	.35

CLIMBING ROSES

American Pillar, Single Pink Flowers .....	.25
Climbing American Beauty, Purple Crimson Flower .....	.30
Crimson Rambler, Double Reddish Scarlet .....	.25
Decrothy Perkins, Soft Shell Pink .....	.25
Excelsa, Double Scarlet Crimson .....	.25
Paul's Scarlet, Intense Scarlet Flower, Double .....	.35

RUGOSA ROSES—(Hardest Rose)

C. F. Werth, Double Crimson Flower .....	.40
Hugonis, Small Yellow Flowers .....	.25
Rubra, Early Large Single Flower .....	.25
Grootendorst, Small Red Fringed Flower .....	.35
Memorial Rose, (Wichuriana) Trailing Habits, Starry White....	.35

BABY ROSES—(Dwarf Polyantha)

Crimson Baby, Semi-double Flower .....	.35
Ideal, Dark Scarlet, Profuse Bloomer .....	.35
Cecil Brunner, Dainty Clear Pink .....	.35
Golden Salmon, Bright Orange, Blooms Continually .....	.40

SENSATIONAL ROSES (Patented)—2 Yr. No. 1

Better Times, Bush, Brilliant, Cerise, Fragrant	\$1.25
Mary Hart, Bush, Deep Blood Red Flowers	1.00
Nigrette Bush, Black Red Flowers	1.50
Blaze, Climber, Everblooming, Scarlet Flowers	1.00
Golden Climber, Extremely Hardy Year Climber	1.50
New Dawn, Climber, Pink, Everbloomer	1.50

Parcel Post extra — See Page 2

ROSE DISEASES

The rose faces four deadly menaces, anyone of which would destroy the rose garden if left unchecked. Black Spot presents the greatest Problem. Easily controlled if one starts making exterminating applications when the leaves first appear — additional applications week or ten days later if necessary. Mildew, leaf-eating insects, and aphids are the other controlled in the same way as Black Spot either by dusting or spraying will exterminate these diseases. Insecticides page 22.

Tri-Ogen, per Kits \$1.50



Chinese Elm

NATIVE SHADE TREES	Price Per Each
Ailanthus, 4 to 5 ft., Tree of Heaven, Very Rapid Grower	\$0.50
Elm, Chinese, 4 to 5 ft., Beautiful Tree, Rapid Grower .....	.30
Elm, Chinese , 6 to 8 ft., Beautiful Tree, Rapid Grower .....	.75
Elm, Chinese, 8 to 10 ft., Beautiful Tree, Rapid Grower	1.00
Elm, Native, 8 to 10 ft., Beautiful Tall Tree .....	.75
Poplar, Belleans , 5 to 6 ft., Silver Green Foliage .....	.85
Poplar, Bolleana, 6 to 8 ft., Silver Green Foliage	1.25
Poplar, Volga, 8 to 10 ft., Tall Spiral Like Tree .....	.60
Poplar, Volga, 6 to 8 ft., Tall Columnar Tree .....	.35

Many other varieties for sale not mentioned here.

WEEPING ORNAMENTAL TREES	
Birch, Weeping , 6 to 8 ft., White Bark	2.00
Catalpa, Bungei, 2 year head, 5 ft.	1.50
Maple, 5 to 6 ft., Purple Leaf Foliage, Schwerdler	2.25
Silver Poplar, Often called Maple, 6 to 8 ft. ....	.75
Mountain Ash, 6 ft., Beautiful Red Berries	1.50
Mulberry, 6 ft., Tea's Weeping, Umbrella Foliage	1.75
Red Bud (Cercis), 5 to 6 ft., Beautiful Red Flowers	1.25
Red Bud (Cercis) 2 to 3 ft., Beautiful Red Flowers .....	.50
Weeping Willow, 5 to 6 ft., Niobe, Golden Bark .....	.75
Weeping Willow, 4 to 5 ft., Niobe, Golden Bark .....	.50

CLIMBING VINES	
Ampelopsis, 2 yr., No. 1 (Engelmanni) Hardy Clinging Climber..	.20
Ampelopsis , 3 yr. No. 1 (Veitchi) Boston Ivy, Best Clinging ....	.30
Trumpet Vine (Bugnonia), 2 yr., Scarlet Trumpet Flowers ....	.25
Clematis , 2 yr., No. 1, Jackmanni, Purple (Potted Plants) .....	.50
Clematis, 2 yr., No. 1, Mme. Andrea (Potted Plants) .....	.50
Clematis, 3 yr., No. 1, Paniculata, Fragrant White Flowers ....	.25
Honeysuckle , 2 yr., Scarlet Trumpet Shaped Flowers .....	.25
Honeysuckle, 2 yr., Hall's Japan, Fragrant Yellowish .....	.25
Honeysuckle, 2 yr., Belgica , Fragrant, Monthly Bloomer .....	.25
Honeysuckle, " Golden Flame "—Immense clusters, fragrant .....	.75
Lace Vine Polygonum Auberti), yr. No. 1, Foamy White .....	.30
Lycium, 2 yr., No. 1 Chinese Matrimony Vine , Purple .....	.25
Matrimony Vine, native American, hardy .....	.25
Wisteria, 2 yr., No. 1 Lilac Purple Flowers .....	.25
Morning Glory , Annual, Large Blue Flowers (Potted Plants)..	.25

HEDGE SHRUBS	
A Hedge can be trimmed always to the height you would prefer it to grow. Some varieties of Hedge Shrubs grow taller than others and we have noted it after each variety.	
	Doz. 100
Barberry, Japanese 15 to 18 in.	\$ 4.50
Barberry, 18 to 24 in., Japanese, Med. Tall Hedge	\$0.75 6.00
Barberry , Japanese, 2 to 3 ft. ....	.35 each; 3.00 Dozen
Buckthorn , 18 to 24 in., Trims Med. Hedge, Natural Tall..	.75 7.50
Honeysuckle, 18 to 24 in., Tall Growing Hedge	1.50 5.00
Olive , 18 to 24 in., Hardy Russian, Med. Tall Hedge.....	.60 4.00
Privet, 18 to 24 in., Amoor River, Small Hedge	1.00 6.00
Spirea , 18 to 24 in., Bridle Wreath, Weeping Hedge	1.00 7.50

FOREST TREE SEEDLINGS—Forest Grown, 18 to 24 in.	
	100 1000
Ash, Elm and Maple	\$2.00 \$ 7.50
Cottonwood and Willow	1.00 4.00
Nursery Grown, 18 to 24 in.	
Mulberry, Russian Variety, Wind Break Tree	2.50 20.00
Black Walnut, Valuable Timber Tree	4.50
Elm, Chinese, Most Beautiful Elm, Rapid Grower	1.75 15.00
Chinese Elm 2 to 3 ft.	3.00
ELM, Chinese, special growth, 5 to 6 ft.	Each .15
Catalpa, Valuable Timber, Shade and Ornamental Tree ..	2.50 20.00



Home Evergreen Setting

HARDY EVERGREENS—(Nursery Grown)
Taken up with Ball and Burlapped

Evergreens newly planted should be well watered during the summer season and soaked down just before ground freezes when winter begins.	
	Price Each
Juniper, 3 to 4 ft., sheared, (Red Cedar) Virginiana	\$2.50
Juniper, 2 to 3 ft., sheared, (Red Cedar) Virginiana	2.00
Juniper, 2 to 3 ft., Carnarti, Bird Cedar, Bears Blue Berries....	3.50
Juniper, Many sizes, Native Bird Cedar, Bears Berries	\$1.00 to \$3.00
Juniper Scopulorum, 2 to 3 ft., Silvery Foliage, Upright Growth	2.50
Juniper Shotti, 2 to 3 ft., Sheared, Yellowish Green	3.50
Spruce, 1½ to 2 ft., Black Hills, Hardest Spruce	1.50
Spruce, 2 to 2½ ft., Black Hills, Hardest Spruce	2.50
Spruce, 2 to 3 ft., Colorado Blue, very beautiful	5.00
Arbor Vitae, 3 to 4 ft., Pyramidalis	3.00

DWARF EVERGREENS

Pfitzeriana Juniper (of the Cedar Family) is one of the hardiest, easiest to grow, and most satisfactory of all the dwarf varieties of evergreens.	
Juniper, 15 to 18 in. spread, Pfitzeriana	\$2.00
Juniper, 18 to 24 in. spread, Pfitzeriana	2.50
Juniper, 18 to 24 in. spread, Sabina	2.50
Juniper, 18 to 24 in. spread, Sargenti, Creeper	2.75
Mugho Pine, 15 to 18 in. spread, Compact Growth, Dark Green..	2.00
MUGHO PINE, 18 to 24 in. spread, Compact Growth, Dark Green	2.50

BLACK HILL SPRUCE SEEDLINGS

F. O. B. Black Hills South Dakota	
The forest grown Black Hill Spruce Seedlings are the easiest to grow and the hardest of all spruces. Try them.	
	Per 100
Black Hill Spruce, Seedlings, 15 to 20 inch, well Rooted.....	\$7.50

EVERGREEN SEEDLINGS—(Nursery Grown)

	Price Per 100
Black Hill Spruce, 10 to 12 in., Transplanted Stock	\$12.50
Colorado Blue Spruce, 18 to 24 in., Seedlings, Blue and Greens.	12.50
Norway Pine, 12 to 15 in., Tallest Lumber Evergreens	7.50
Pinus, Banksiana (Jack Pine) 12 to 18 ins. For windbreaks fast and hardy	7.50
Balsam Fir, 7 to 10 in., Seedlings, Tall Conical Tree	10.00

SAVE YOUR EVERGREENS



"DOGZOFF"

Prices—See Page 22

PROTECTION
FROM DOGS
RABBITS, CATS,
MOLES and MICE,
from Evergreens
and fruit trees.

Drives Dogs Away Never
to Return

An Evergreen setting, landscaped around a home in the back ground, not only beautifies but is green and attractive the whole year around. It gives the home an inviting appearance. Autumn planting of Evergreens is really the best time of year to set them out, but spring time is good if you haven't had time to plant them in autumn. We handle a complete line of both dwarf and taller Evergreens, too, in the autumn as well as in the spring.



Fertilizers, Insecticides and Poultry Foods

FERTILIZERS

Sheepo, Sheep Manure refined..	5 lbs. 25c; 50 lbs. \$1.20; 100 lbs. \$ 2.00
Miko, Michael's Humus Fertilizer	5 lbs. 25c; 100 lbs. 3.00
Ground Bone (pure), Lasting effect.....	5 lbs. 25c; 100 lbs. 4.00
Ground Bone (Armour)	5 lbs. 15c; 100 lbs. 2.75
Acid Phosphate, Available	5 lbs. 25c; 50 lbs. \$1.50; 100 lbs. 3.00
Vigoro Mostly Stimulant....	25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Sacco, Mostly Stimulating...	25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Stim-u-plant	30 Tablets 25c; 100 Tablets 75c; 1000 Tablets 3.50
Peat Moss	Per lb. 10c; 10 lbs. 60c; 25 lbs. \$1.00; 100 lbs. 3.00
Lime, Raw Ground	100 lbs. 100; 500 lbs. \$4.00 Ton. 15.00
Limc, Marblehead Hydrated	50 lbs. \$1.00; 500 lbs. 6.50
Animal Manure, Rich Sheep or Cow Manure, Per Truck Load..	2.50
Black Dirt, Pure Black Earth, Per Truck Load.....	2.00
Hormodin—Root forming chemical, price per package	1.00

INSECTICIDES

Acme, All Around Spray	1/4 lb. Pkg. .35
Lime Sulphur	1 lb. Pkg. 35c; 5 lbs. \$1.45; 10 lbs. 2.25
Arsenate of Lead	1 lb. Pkg. 30c; 4 lbs. .65
Paris Green	1/4 lb. Pkg. 15c; 1 lb. 50c; 5 lbs. 2.25
Nicotine Sulphate (Blick Leaf 40)	1 oz. 35c; 5 oz. 1.00
Evergreen, for insects	1 oz. bottle 35c; 6 oz. 1.00
Tobacco Dust Fertilizer and Insecticide....	10 lbs. 50c; 100 lbs. 4.00
Shep's Spray for insects....	1/2 oz. bottle 10c; 1/2 oz. 25c; 1/2 pint .75
Garden Guard, "Guard the Garden".....	Per can 25c; 5 lbs. .90
Bordeau Mixture	1 lbs. 35c; 4 lbs. .75
Red River Potato Mix	1 lb. 30c; 4 lbs. .75
London Purple	1 lb. 25c; lbs. .45
Dogzoff, Spray for Evergreens and fruit trees, in Bottles each	.60
DOG SHOO, drives dogs away,	per qt. .75
Sure Death, Kills moles	tubes 10c each, 3 tubes .25
TUBULAR RODENT TUBES, kills moles, Each 10c; 3.25; Doz.	.90

DISINFECTANTS

Semesan, Jr. (Corn)	4 oz. 35c; 1 lb. \$1.00; 5 lbs. 4.75
Semesan Bel (Potatoes)	4 oz. 50c; 1 lb. \$1.65; 5 lbs. 5.00
Ceresan (Grains)	8 oz. tin 50c; 1 lb. 75c; lbs. 3.00

POULTRY FOODS

	10 lbs.	50 lbs.	100 lbs.
Starter for baby chicks	\$0.35	\$1.00	\$3.00
Eureka for older chicks .....	.35	1.60	3.00
Acme scratch food .....	.25	1.60	3.00
Oyster Shells, Egg shell producers .....	.25	.65	1.00
Mica Grit (chicken teeth).....	.25	.60	1.00

WAYNE'S POULTRY FOOD

	Price per 25 lbs.	50 lbs.	100 lbs.
Wayne's Chick Starter	On Application		
Wayne's Growing Mash	"	"	
Wayne's Egg Breeder	"	"	
Bar-Be-Kubes, dog food	3 lbs. 25c; 1 lbs.		.75

BLATCHFORD'S CALF MEAL

25 lb. bag	\$1.25
100 lb. bag	4.75

BIRD SEED

	1 lb.	10 lb.	100 lbs.
Canary Seed, best bird food	\$0.15	\$1.25	\$9.00
Hemp Seed .....	.15	1.25	9.00
Rape Seed .....	.15	1.00	9.00
Mixed, All kinds mixed proportionately .....	.15	1.00	9.00
Sunflower Seed .....	.15	1.25	9.00



HAND CULTIVATOR



This three-prong cultivator is an easy tool to operate. High Carbon Steel. Tines penetrate any soil with ease.

No. 150-3, 3½ ft. handle..75c ea.

NEPONSET PAPER POTS

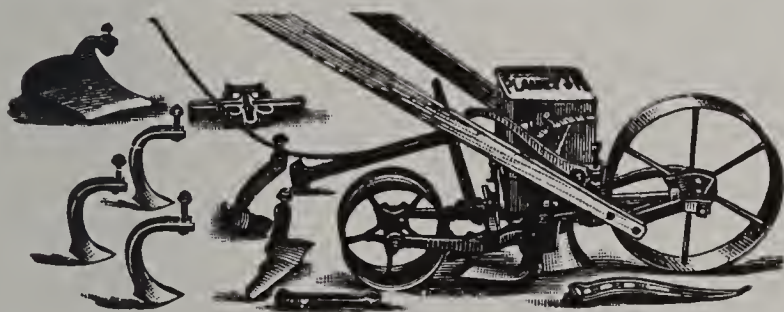
2½ in. size, 75c per 100; \$6.00 per 1,000, 3 in. size, \$1.00 per 100; \$7.50 per 1,000. Plant Boxes 10c doz. with box.

E-Z FILL SPRAYER. Made of heavy galvanized steel. Sprays at any angle, especially underneath the leaves and low growing plants. "Sturdy-boy".

E-Z Fill No. 140, 3¾ gal. tank\$4.50 ea.

E-Z Fill No. 135, 3½ gal. tank 3.50 ea.

Hudson Long Stroke Liquid Sprayer.....Price 50 cents each



MAGIC HANDY WEEDER

Handiest Tool on earth, each 15c.

PLANET, JR. No. 4D—Complete — PLANET, JR. DRILL SEEDERS

No. 25—Combined Hill and Drill Seeder. Double Wheel Hoe, Cultivator and Plow, \$20.00.

No. 4D—Combined Hill and Drill Seeder. Seeder only, \$12.00, complete, \$16.00.

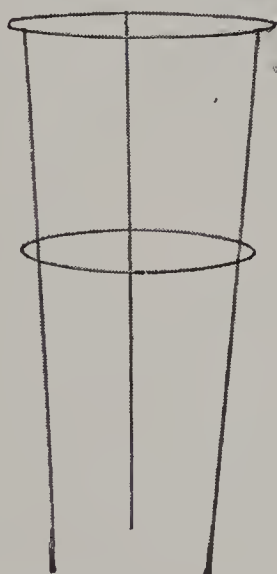


Hotkaps are cheap insurance.
Price: Per doz. 25c; per 100, \$1.50;
per 1,000, \$9.00.

Setter, 50c each.

ADAMS PEONY AND TOMATO SUPPORTS

Peony: Twist a piece of cloth around stock near the ground, and tie ends together. Take piece of cloth-loop up the peony plants drawing them into a close bundle without injuring. Do tomato likewise. Best and cheapest plant supports. Diameter 18 inches. Each 30c, \$3.00 per dozen. Height 30 inches.



FERTILE PRODUCTS

FERTILE POTS—Made of fertilizing material. Pot planted with the plant in it. Prices: inch size \$1.00, 2 in. \$1.75, 3 inch \$2.00.

HORMODIN—A root forming chemical. On the roots makes plants grow rapidly. More and larger vegetables.
Price per package \$1.00.

.....

The Michael Seed Store

316 Pearl St. SIOUX CITY, IOWA Phone 8-8666

.....

40 years ago

REMEMBER MICHAEL SEEDS

316 Pearl Street



MASTODON
EVERBEARING
STRAWBERRY
PLANTS

STRAWBERRY PLANTS—Everbearing			
	25	100	1000
Mastodon, Home Grown	\$0.25	\$1.00	\$ 7.50
Mastodon, Originator's Stock .....	.50	2.25	10.00
Gem—Drouth resistant. Wonder plant.....	.25	.80	7.50
JUNE BEARING			
Warfield and Blackemore .....	.25	.75	5.00
Dunlap .....	.25	.75	5.00